

REMARKS:

New claim 46 has been added by this paper. Claims 24-30 and 38-46 are pending in this patent application.

Support for new claim 46 may be found throughout the specification and drawings and, in particular, at p. 4, ll. 3-7 of the specification.

Claims 24-30 and 38-45 are rejected under 35 U.S.C. § 102(b) as being anticipated by U.S. Patent No. 5,060,919 to Takano et al. (the “Takano reference”). The rejections are respectfully traversed.

The Takano reference discloses tuning the viscosity of the fluid within an electrorheological fluid vibration damper disposed between a vehicle engine and a vehicle chassis to cope with the bouncing vibration of the engine. (Col. 8, ll. 13-16.) Therefore, pursuant to the Takano reference, a damper is physically altered to cope with the bouncing vibration of a specific engine.

Nonetheless, the Examiner argues that the Takano reference teaches “calibrating at least one tunable parameter of a control system of the mount based on the bounce resonance frequency of the object,” as required by the pending claims of the present patent application.

Applicants respectfully disagree. The claims of the present patent application are directed to “a system and method for adapting a control system to control engine vibrations in vehicles with different vibration characteristics without the need to redesign physical or control aspects of the system.” (Specification, p. 16, ll. 24-26 (emphasis added).) This is done by calibrating at least one tunable parameter of the control system, not the mount itself. See, for example, p. 14, ll. 12-16 of the specification.

Inasmuch as the Takano reference does not teach or suggest calibrating at least one tunable parameter of a control system of a mount based on the bounce resonance frequency of the mounted object, it is submitted that the Takano reference cannot, as a matter of law, anticipate the pending claims of the present patent application.

Accordingly, it is submitted that the present patent application is in condition for allowance and formal notice thereof is respectfully requested.

The Commissioner is hereby authorized to treat any paper that is filed in this application, which requires an extension of time, as incorporating a request for such an extension. The

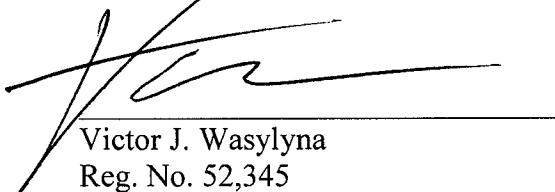
U.S. Ser. No. 10/696,517

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Amendment

Commissioner is further authorized to charge any fees required by this paper or to credit any overpayment to Deposit Account No. 20-0809.

Respectfully submitted,



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